

INVENTORS: Chagnaud *et al.*
UNITED STATES
NATIONAL PHASE
OF PCT
INTERNATIONAL
APPLICATION NO:: PCT/FR97/02412

9. (Amended) The immunogen in [one of Claims 7 or 8] Claim 7, characterized by the fact that the carrier protein is an albumin.
10. (Amended) A process for preparation of an immunogen according to [any one of Claims 8 to 9] Claim 8, characterized by the fact that an amino acid is coupled to a carrier protein, then the conjugate obtained is nitrosylated with an NO donor compound.
11. (Amended) A pharmaceutical compound, characterized by the fact that it contains as its active ingredient an antibody according to [any one of Claims 1 to 5 or a group of antibodies according to Claim 6] Claim 1 advantageously dispersed in a pharmaceutically acceptable vehicle or excipients.
12. (Amended) The use of an antibody according to [any one of Claims 1 to 5 or a group of antibodies according to Claim 6 or a compound according to Claim 11] Claim 1, for the preparation of a drug designed to treat or prevent a pathology in which NO, its derivatives or conjugates are involved.
13. (Amended) A process for *in vitro* detection of nitrosylated proteins in a biological specimen comprised of at least the following steps :
- putting the sample in contact with at least one antibody according to [any one of Claims 1 to 5 or a group of antibodies according to Claim 6] Claim 1, which may be marked, under conditions that permit the formation of immunological complexes;
 - detection of an antigen-antibody immunological complex by physical or chemical methods .

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14. (Amended) A kit for use of the process in Claim 13, characterized by the fact that it contains :

- at least one antibody according to [any one of Claims 1 to 5 or a group of antibodies according to Claim 6] Claim 1 which may be marked,
- reagents to produce a medium favorable for an immunological reaction between said antibody and any nitrosylated proteins that may be present in a biological specimen
- potentially one or more reagents for detection, which may be marked and can react with any immunological complexes that may be formed;
- potentially one or more biologic reagents for reference and control.

✓ **IN THE ABSTRACT**

On pg. 91, lines 1-3, kindly delete "ANTIBODIES SPECIFICALLY RECOGNIZING A NITROSYLATED PROTEIN, A PROCESS FOR PREPARING THEM, AND THEIR THERAPEUTIC AND DIAGNOSTIC USE." and insert -ABSTRACT OF THE DISCLOSURE--.

REMARKS

Applicants have amended the claims to remove multiple dependencies.